SEQUENCE LISTING

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<110> The Curators of the University of Missouri
<120> PHAGE DISPLAY SELECTION OF ANTI FUNGAL PEPTIDES
<130> UMO 1521.1
<150> US 60/195,785
<151> 2000-04-10
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<170> PatentIn version 3.0
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Xaa Xaa Xaa Xaa Xaa Xaa Pro Ala Glu Gly Asp Asp Pro Ala Lys
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<212> DNA

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144
i I
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  <222> (1)..(9)
Œ
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i, m
<400> 8
Ala Asp Arg Pro Ser Met Ser Pro Thr
                   5
  <210> 9
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<210> 14

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- 2 - 3
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                       <221> DOMAIN
 ij
                       <222> (1)..(9)
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Fred Sail
And the first state of the stat
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                       Ala Val Ser Pro Asn Val His Asp Gly
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                       <221> DOMAIN
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<400> 24

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                                    10
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Thr Arg Leu Ser Pro Met Glu Ser Xaa Ala Met Leu Leu Ala Pro
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Leu Leu Pro Val Ser Pro Pro Phe Ala Pro Asn Ala Ser Ser Thr
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                                   10
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<220>
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<221> DOMAIN
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                                   10
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10
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And the state of t
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                   <221> DOMAIN
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<220>

Sent Sers ment

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Ile Pro Ala Asp Ala Val Ile Gly Tyr Ser Asp Leu Glu Gly Asp Phe 35 40 45

Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn Asn Gly Leu Leu 50 55 60

Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala Lys Glu Glu Gly Val 65 70 75 80

Ser Leu Glu Lys Arg Leu Ala Ala Gly Thr Pro Ala Leu Gly Asp Asp 85 90 95

Arg Gly Arg Pro Trp Pro Ala Ser Leu Ala Ala Leu Ala Leu Asp Gly
100 105 110

Lys Leu Arg Thr Asp Ser Asn Ala Thr Ala Ala Ala Ser Thr Asp Phe 115 120 125

Gly Asn Ile Thr Ser Ala Leu Pro Ala Ala Val Leu Tyr Pro Ser Thr 130 135 140

Gly Asp Leu Val Ala Leu Leu Ser Ala Ala Asn Ser Thr Pro Gly Trp 145 150 155 160

Pro Tyr Thr Ile Ala Phe Arg Gly Arg Gly His Ser Leu Met Gly Gln 165 170 175

Ala Phe Ala Pro Gly Gly Val Val Val Asn Met Ala Ser Leu Gly Asp 180 185 190

Ala Ala Pro Pro Arg Ile Asn Val Ser Ala Asp Gly Arg Tyr Val
195 200 205

Asp Ala Gly Gly Glu Gln Val Trp Ile Asp Val Leu Arg Ala Ser Leu 210 215 220

Ala Arg Gly Val Ala Pro Arg Ser Trp Asn Asp Tyr Leu Tyr Leu Thr 225 230 235 240

Val Gly Gly Thr Leu Ser Asn Ala Gly Ile Ser Gly Gln Ala Phe Arg 245 250 255

His Gly Pro Gln Ile Ser Asn Val Leu Glu Met Asp Val Ile Thr Gly 260 265 270

His Gly Glu Met Val Thr Cys Ser Lys Gln Leu Asn Ala Asp Leu Phe 275 280 285

Asp Ala Val Leu Gly Gly Leu Gly Gln Phe Gly Val Ile Thr Arg Ala 290 295 300

Arg Ile Ala Val Glu Pro Ala Pro Ala Arg Ala Arg Trp Val Arg Phe

305 310 315 320

Val Tyr Thr Asp Phe Ala Ala Phe Ser Ala Asp Gln Glu Arg Leu Thr 325 330 335

Ala Pro Arg Pro Gly Gly Gly Gly Ala Ser Phe Gly Pro Met Ser Tyr 340 345 350

Val Glu Gly Ser Val Phe Val Asn Gln Ser Leu Ala Thr Asp Leu Ala 355 360 365

Asn Thr Gly Phe Phe Thr Asp Ala Asp Val Ala Arg Ile Val Ala Leu 370 375 380

Ala Gly Glu Arg Asn Ala Thr Thr Val Tyr Ser Ile Glu Ala Thr Leu 385 390 395 400

Asn Tyr Asp Asn Ala Thr Ala Ala Ala Ala Ala Val Asp Gln Glu Leu 405 410 415

Ala Ser Val Leu Gly Thr Leu Ser Tyr Val Glu Gly Phe Ala Phe Gln 420 425 430

Arg Asp Val Ala Tyr Ala Ala Phe Leu Asp Arg Val His Gly Glu Glu 435 440 445

Val Ala Leu Asn Lys Leu Gly Leu Trp Arg Val Pro His Pro Trp Leu 450 455 460

Asn Met Phe Val Pro Arg Ser Arg Ile Ala Asp Phe Asp Arg Gly Val 465 470 475 480

Phe Lys Gly Ile Leu Gln Gly Thr Asp Ile Val Gly Pro Leu Ile Val 485 490 495

Tyr Pro Leu Asn Lys Ser Met Trp Asp Asp Gly Met Ser Ala Ala Thr 500 505 510

Pro Ser Glu Asp Val Phe Tyr Ala Val Ser Leu Leu Phe Ser Ser Val 515 520 525

Ala Pro Asn Asp Leu Ala Arg Leu Gln Glu Gln Asn Arg Arg Ile Leu 530 535 540

Arg Phe Cys Asp Leu Ala Gly Ile Gln Tyr Lys Thr Tyr Leu Ala Arg 545 550 555 560

His Thr Asp Arg Ser Asp Trp Val Arg His Phe Gly Ala Ala Lys Trp 565 570 575

Asn Arg Phe Val Glu Met Lys Asn Lys Tyr Asp Pro Lys Arg Leu Leu 580 585 590

Ser Pro Gly Gln Asp Ile Phe Asn Lys Leu Ala Asp Arg Pro Ser Met 595 600 605

Ser Pro Thr

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